









FullSight™ Series	FS-IP3000-M	FS-IP5000-M	FS-IP5000/FS-IP5000-DN	FS-IP10K/FS-IP10K-DN	FS-IP4180	FS-IP8180
						
Field of View	360°	360°	360°	360°	180°	180°
Sensor	3.0MP CMOS	5.0MP CMOS	5.0MP CMOS	10.0MP CMOS	4.0MP CMOS	8.0MP CMOS
Maximum Resolution	2048 x 1536	2592 x 1944	2592 x 1944	3664 x 2752	2560 x 1800	3840 x 2100
Maximum Frame Rate	15 fps (max res)	12 fps (max res)	12 fps (max res)	6 fps (max res)	15 fps (max res)	12 fps (max res)
Compression	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264
Minimum Illumination	0.04 Lux (color) at F/1.8	0.04 Lux (color) at F/1.8	0.01 lux (color) at F/1.4	0.02 lux (color) at F/1.4	0.04 lux (color) at F/1.8	0.02 lux (color) at F/1.4
Backlight Compensation	Yes	Yes	Yes	Yes	Yes	Yes
Wide Dynamic Range	Yes	Yes	No	No	Yes	No
Day/Night	No	No	Yes (IR Cut Filter with DN Model)	Yes (IR Cut Filter with DN Model)	No	Yes (IR Cut Filter)
Audio Option	No	No	No	No	No	No
Heater / Blower	No	No	Yes (Optional Housing)	Yes (Optional Housing)	No	Yes (Optional Housing)
Lens Option	M12-Mount Fisheye Lens	M12-Mount Fisheye Lens	CS Mount	CS Mount	M12-Mount Fisheye Lens	CS Mount
Streaming	Quad H.264 + MJPEG	Quad H.264 + MJPEG	Dual H.264 + MJPEG	Dual H.264 + MJPEG	Quad H.264 + MJPEG	Dual H.264 + MJPEG
Noise Reduction	3D	3D	Owl Eye™	Owl Eye™	3D	Owl Eye™
On-Board Storage	Micro-SD	Micro-SD	No	No	Micro-SD	No
Compatibility	Onvif	Onvif	Onvif	Onvif	Onvif	Onvif
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Tamper Detection	Yes	Yes	No	No	Yes	No
Power	PoE	PoE	10–16V / PoE	10–16V / PoE	PoE	10–16V / PoE
Protocols	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	ARP, ICMP,UDP, TCP, HTTP, TFTP, RTSP	ARP, ICMP,UDP, TCP, HTTP, TFTP, RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	ARP, ICMP,UDP, TCP, HTTP, TFTP, RTSP
Active Pixel Count	3,145,728	3,145,728	5,038,848	10,083,328	3,932,160	8,064,000
Dynamic Range	95 dB	95 dB	70 dB	65 dB	95 dB	65 dB
Operating Temp	-20°—50° C (4°—122° F)	-20°—50° C (4°—122° F)	-20°—50° C (-4°—122° F)	-20°—50° C (-4°—122° F)	-10°—50° C (14°—122° F)	-20°—50° C (-4°—122° F)
Humidity	10-90%, No condensation	10-90%, No condensation	0-90%, No condensation	0-90%, No condensation	10-90%, No condensation	0-90%, No condensation
Power Consumption	3.5 watts	3.5 watts	4 watts	4 watts	3.5 watts	4 watts
Dimensions	110.2 x 47.7 mm (4.3 x 1.9 in)	110.2 x 47.7 mm (4.3 x 1.9 in)	35.1 x 64 x 83.1 mm (1.38 x 2.52 x 3.27 in) without lens	35.1 x 64 x 83.1 mm (1.38 x 2.52 x 3.27 in) without lens	110.2 x 47.7 mm (4.3 x 1.9 in)	35.1 x 64 x 83.1 mm (1.38 x 2.52 x 3.27 in) without lens
Weight	180g (0.40lb)	180 g (0.40lb)	150g (0.33lb) without lens	150g (0.33lb) without lens	180g (0.40lb)	150g (0.33lb) without lens
Weatherproof Standard	IP66	IP66	IP66 (Optional Dome)	IP66 (Optional Dome)	IP66	IP66 (Optional Dome)
BNC	No	No	No	No	No	No





Camera Features

InSight™ Professional Series	IS-IP200-DN 	IS-IP290 	IS-IP500 / IS-IP500-DN 	IS-IP10K / IS-IP10K-DN 	IS-IP14K / IS-IP14K-DN 
Sensor	2.0MP CMOS	2.0MP CMOS	5.0MP CMOS	10.0MP CMOS	14.0MP CMOS
Maximum Resolution	1920 x 1080	1920 x 1080	2592x1944	3664 x 2752	4600 x 3280
Maximum Frame Rate	15 fps (max res)	30 fps (max res)	12 fps (5MP)	6 fps (10MP)	6 fps (14MP)
Compression	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264
Minimum Illumination	0.2 lux (color) at F/1.2 0.02 lux (BW) at F/1.2	0.2 lux (color) at F/1.6 0.02 lux (BW) at F/1.6	0.01 lux (color) at F/1.4	0.02 lux (color) at F/1.4	0.02 lux (color) at F/1.4
Backlight Compensation	Yes	Yes	Yes	Yes	Yes
Wide Dynamic Range	Yes	Yes	No	No	No
Day/Night	Yes (IR Filter)	No	Yes (IR Cut Filter with DN Model)	Yes (IR Cut Filter with DN Model)	Yes (IR Cut Filter with DN Model)
Audio Option	Yes (Line out, Line in / mic in)	Yes (Line out, Line in / mic in)	No	No	No
Heater / Blower	Yes (Optional Housing)	Yes (Optional Housing)	Yes (Optional Housing)	Yes (Optional Housing)	Yes (Optional Housing)
Lens Option	CS Mount	4.7-84.6mm Auto-Focus Motorized 18x Zoom Lens	CS Mount	CS Mount	CS Mount
Streaming	Quad H.264 + MJPEG	Quad H.264 + MJPEG	Dual H.264 + MJPEG	Dual H.264 + MJPEG	Dual H.264 + MJPEG
Noise Reduction	3D	3D	Owl Eye™	Owl Eye™	Owl Eye™
On-Board Storage	Micro-SD	Micro-SD	No	No	No
Compatibility	Onvif	Onvif	Onvif	Onvif	Onvif
Motion Detection	Yes	Yes	Yes	Yes	Yes
Tamper Detection	Yes	Yes	No	No	No
Power	DC12V / AC 24V / PoE	DC 12V / AC 24V / PoE	10-16V / PoE	10-16V / PoE	10-16V / PoE
Protocols	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	ARP, ICMP, UDP, TCP, HTTP, TFTP, RTSP	ARP, ICMP, UDP, TCP, HTTP, TFTP, RTSP	ARP, ICMP, UDP, TCP, HTTP, TFTP, RTSP
Active Pixel Count	2,073,600	2,073,600	5,038,848	10,083,328	15,088,000
Dynamic Range	95 dB	95 dB	70 dB	65 dB	65 dB
Operating Temp	-10°—50° C (14°—122° F)	0°—40° C (32°—104° F)	-20°—50° C (-4°—122° F)	-20°—50° C (-4°—122° F)	-20°—50° C (-4°—122° F)
Humidity	10-90%, No condensation	10-90%, No condensation	0-90%, No condensation	0-90%, No condensation	0-90%, No condensation
Power Consumption	4 watts	6 watts	4.0 watts	4.0 watts	4.5 watts
Dimensions	125 x 82 x 52 mm (4.92 x 3.22 x 2.05 in) without lens	183.3 x 80.2 x 52.4 mm (7.22 x 3.16 x 2.06 in)	35.1 x 64 x 83.1 mm (1.38 x 2.52 x 3.27 in) without lens	35.1 x 64 x 83.1 mm (1.38 x 2.52 x 3.27 in) without lens	35.1 x 64 x 58.7 mm (1.38 x 2.52 x 2.31 in) without lens
Weight	330g (0.73lb) without lens	450g (1lb)	150g (0.33lb) without lens	150g (0.33lb) without lens	150g (0.33lb) without lens
Weatherproof Standard	N/A	N/A	IP66 (Optional Housing)	IP66 (Optional Housing)	IP66 (Optional Housing)
BNC	Yes	Yes	No	No	No

Camera Features

InSight™ Bullet Series	IS-IP200-IRB	IS-IP220-IRB-30
		
Sensor	2.0MP CMOS	2.0MP CMOS
Maximum Resolution	1920 x 1080	1920 x 1080
Frame Rate	15 fps (max res)	30 fps (max res)
Compression	MJPEG / H.264	MJPEG / H.264
Minimum Illumination	0.2 lux (color) at F/1.2 0.02 lux (BW) at F/1.2	0.2 lux (color) at F/1.2 0.02 lux (BW) at F/1.2
Backlight Compensation	Yes	Yes
Wide Dynamic Range	Yes	Yes
Day/Night	Yes (Built-In IR LED)	Yes (Built-In IR LED)
Audio Option	Yes (Line out, Line in / mic in)	Yes (Line out, Line in / mic in)
Heater / Blower Option	Heater	Heater
Lens Option	3-9mm Auto-Focus Motorized Zoom Lens	3-9mm Auto-Focus Motorized Zoom Lens
Streaming	Quad H.264 + MJPEG	Quad H.264 + MJPEG
Noise Reduction	3D	3D
On-Board Storage	Micro-SD	Micro-SD
Compatibility	Onvif	Onvif
Motion Detection	Yes	Yes
Tamper Detection	Yes	Yes
Power	DC12V / AC24V / PoE	DC12V / AC24V / PoE
Protocols	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP
Active Pixel Count	2,073,600	2,073,600
Dynamic Range	95 dB	95 dB
Operating Temp	-10°—50°C (14°—122° F) w/Heater, powered by DC12V/AC24V/PoE+: -35°—50°C (-31°—122° F)	-10°—50°C (14°—122° F) w/Heater, powered by DC12V/AC24V/POE+: -35°—50°C (-31°—122° F)
Humidity	10-90%, No condensation	10-90%, No condensation
Power Consumption	23.6 watts (11.6 system + 12 heater)	23.6 watts (11.6 system + 12 heater)
Dimensions	84 x 193 mm (3.3 x 7.6 in)	84 x 193mm (3.3 x 7.6 in)
Weight	0.94kg (2.07lb)	0.94kg (2.07lb)
Weatherproof Standard	IP66	IP66
Alarm I/O	Yes	Yes
IR LEDs	23 (Up to 25m)	23 (Up to 25m)
BNC	Yes	Yes

Camera Features

InSight™ Dome Series	IS-DM220	IS-DM220-IR	IS-DM220-HB	IS-DM240 / IS-DM240-V	IS-DM260/IS-DM260-R
					
Sensor	2.0MP CMOS	2.0MP CMOS	2.0MP CMOS	2.0MP CMOS	2.0MP CMOS
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Maximum Frame Rate	15 fps (max res)	15 fps (max res)	15 fps (max res)	30 fps (max res)	15 fps (max res)
Compression	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264
Minimum Illumination	0.2 lux (color) at F/1.2 0.02 lux (BW) at F/1.2	0.2 lux (color) at F/1.2 0.02 lux (BW) at F/1.2	0.2 lux (color) at F/1.2 0.02 lux (BW) at F/1.2	0.05 lux (color) at F/1.6 0.01 lux (BW) at F/1.6	0.1 lux (color) at F/1.5
Backlight Compensation	Yes	Yes	Yes	Yes	Yes
Wide Dynamic Range	Yes	Yes	Yes	Yes	Yes
Day/Night	No	Yes (Built-in IR LED)	No	Yes (V Model)	No
Audio Option	Yes (Line in, Line out)	Yes (Line in, Line out)	Yes (Line in, Line out)	Yes (Line in, Line out)	Yes (Mic In: IS-DM260 Only)
Heater / Blower	No	No	Yes	Yes (V Model)	No
Lens Option	3–9 mm Auto Focus Motorized Zoom Lens	3–9 mm Auto Focus Motorized Zoom Lens	3–9 mm Auto Focus Motorized Zoom Lens	4.7–94 mm Auto Focus Motorized Zoom Lens	4 mm fixed
Streaming	Quad H.264 + MJPEG	Quad H.264 + MJPEG	Quad H.264 + MJPEG	Quad H.264 + MJPEG	Quad H.264 + MJPEG
Noise Reduction	3D	3D	3D	Digital	3D
On-Board Storage	Micro-SD	Micro-SD	Micro-SD	Micro-SD	Micro-SD
Compatibility	Onvif	Onvif	Onvif	Onvif	Onvif
Motion Detection	Yes	Yes	Yes	Yes	Yes
Tamper Detection	Yes	Yes	Yes	Yes	Yes
Power	DC 12V / AC 24V / PoE	DC 12V / AC 24V / PoE	DC 12V / AC 24V / PoE	AC 24V / PoE+	PoE
Protocols	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP	UDP, TCP/IP, HTTP, FTP, RTP/RTSP
Active Pixel Count	2,073,600	2,073,600	2,073,600	2,073,600	2,073,600
Dynamic Range	95 dB	95 dB	95 dB	95 dB	95 dB
Operating Temp	-10°—50°C (14°—122° F)	-10°—50°C (14°—122° F)	DC12V: -30°—50°C (-22°—122° F) AC24V: -35°—50°C (-31°—122° F)	0°—40°C (32°—104°F) V: -40°—50°C (-40°—122°F)	-10°C—50°C (14°—122° F)
Humidity	10-90%, No condensation	10-90%, No condensation	10-90%, No condensation	10-90%, No condensation	10-90%, No condensation
Power Consumption	8.6 watts	11.6 watts	15.6 watts	24 watts (V: 59 watts)	3.5 watts
Dimensions	151 x 130 mm (5.9 x 5.1 in)	151 x 130 mm (5.9 x 5.1 in)	170 x 210 mm (6.7 x 8.3 in)	172 x 228 mm (6.76 x 9 in) V: 192 x 282 mm (7.55 x 11.1 in)	110.2 x 47.7 mm (4.3 x 1.9 in)
Weight	0.8kg (1.8lb)	0.8kg (1.8lb)	1.3kg (2.9lb)	1.6kg (3.57lb) V: 2.3kg (5.11lb)	0.18g (0.40lb)
Weatherproof Standard	IP66	IP66	IP66	IP66	IP66 (Rugged Model)
Alarm I/O	Yes	Yes	Yes	Yes	No
PTZ	No	No	No	Yes	No
Optical Zoom	N/A	N/A	N/A	20x	N/A
Pan Travel	N/A	N/A	N/A	360 degrees	N/A
Tilt Travel	N/A	N/A	N/A	-10—190 degrees	N/A
Manual Speed	N/A	N/A	N/A	0.5—90 degrees/sec	N/A
BNC	Yes	Yes	Yes	Yes	No